

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



MINNESOTA AGRICULTURAL
STATISTICS SERVICE
MN and U.S. Depts. of Agriculture
PO Box 7068, St. Paul, MN 55107
Phone: (651) 296-2230

Released: May 31, 2005
Issue No. CW-21-05

E-mail: nass-mn@nass.usda.gov
Homepage: <http://www.nass.usda.gov/mn/>

MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

SOYBEAN PLANTING PROGRESS STILL WELL BEHIND AVERAGE

Soybean plantings progressed early last week, but remained nearly 25 percentage points behind the five-year average planting progress, according to the Minnesota Agricultural Statistics Service. The week ended in rains, preventing further plantings of soybeans, corn and other crops. Standing water in fields may cause some crops to be replanted. Dry warmer weather is needed for many crops to progress to the five-year average.

The average temperature for the week was 56.8 degrees, 3.2 degrees below normal. Statewide topsoil moisture supplies as of May 27th were rated 0% very short, 1% short, 63% adequate, and 36% surplus.

An estimated 86% of Spring Wheat acreage has emerged as of Sunday, compared with 89% for the same date in 2004 and 79% for the five-year average.

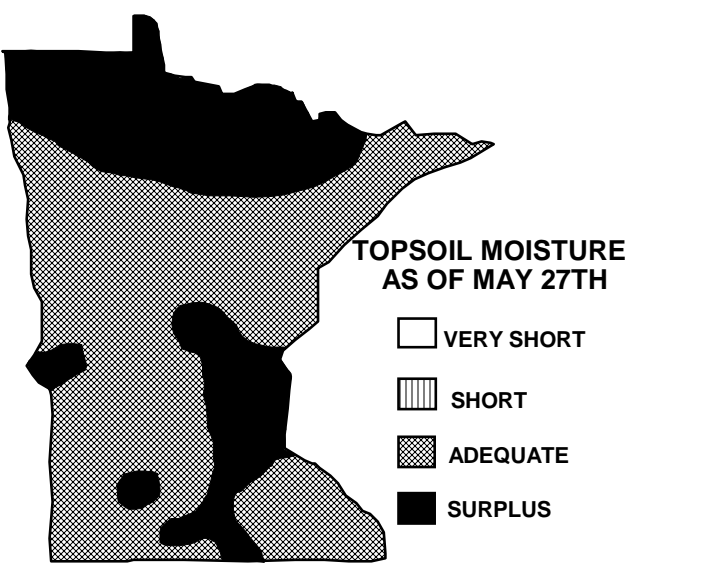
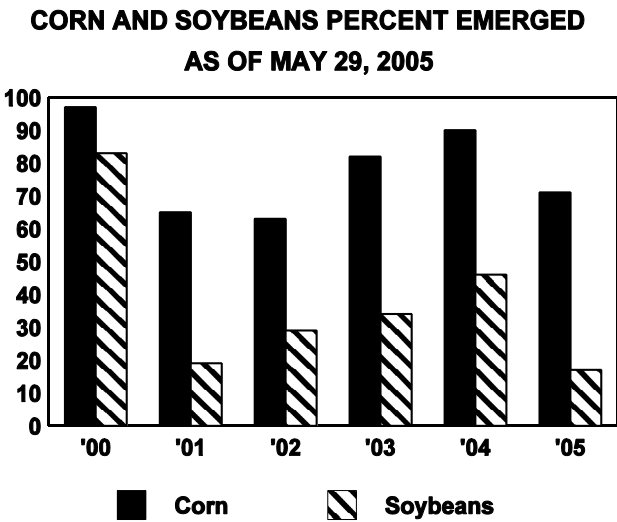
Oats were 91% emerged, the same as last year and four percentage points ahead of the five-year average. Barley was 90% emerged, compared with 87% last year and 78% for the five-year average.

Corn was 71% emerged compared with 90% last year and 79% for the five-year average. Soybeans were 59% planted versus 89% last year and 83% for the 5-year average. Soybeans were 17% emerged compared with 42% for the five-year average.

Days Suitable for Fieldwork: 2.5				
	Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)	0	1	63	36

Crop Progress as of May 29 , 2005					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Planted	96	92	99	97
	Emerged	71	38	90	79
Soybeans	Planted	59	37	89	83
	Emerged	17	6	46	42
Spring Wheat	Emerged	86	66	89	79
	Jointed	4	NA	6	6
Oats	Emerged	91	75	91	87
	Jointed	5	NA	11	10
Barley	Emerged	90	63	87	78
	Jointed	3	NA	4	5
Canola	Planted	86	65	77	77
Dry Beans	Planted	39	30	56	62
Sweet Corn	Planted	42	38	63	61
Green Peas	Planted	73	69	90	87
Sunflowers	Planted	46	40	66	60
Potatoes	Planted	93	87	88	85

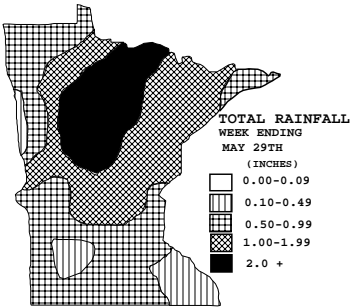
Crop Condition as of May 27 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	1	5	25	61	8
Alfalfa	6	11	33	45	5
Spring Wheat	1	3	22	66	8
Corn	1	5	37	51	6
Barley	1	1	18	76	4
Oats	3	3	18	68	8
Soybeans	1	4	37	53	5



Doug Kilburg
Mathematical Statistician

Douglas A. Hartwig
Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 29, 2005:
Temperatures averaged from 5.2 degrees below normal in the Northwest District to 1.7 degrees below normal in the East Central District. Extremes: 81° in Canby; 35° in Hibbing. Precipitation averaged from .48 inch below normal in the Southeast District to 1.89 inches above normal in the North Central District. Greatest weekly total was 2.81 inches recorded in Grand Rapids.



Precipitation and Temperature Summary for 5/23/2005 through 5/29/2005

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1	Since May 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	76	45	54.4	-5.8	.66	.00	1.02	.07	212	-45
Moorhead	77	44	55.3	-5.7	.29	-.41	.04	-.48	241	-29
Warroad	67	42	53.0	-4.1	.54	-.12	.24	-.16	152	-50
<u>NC DIST 2</u>										
Grand Rapids	74	39	54.4	-3.4	2.81	2.02	2.57	1.77	185	-33
Intl. Falls	72	38	53.0	-3.9	2.57	1.86	2.32	3.21	153	-52
Itasca	75	43	53.8	-2.6	2.55	1.78	1.66	1.45	176	-17
<u>NE DIST 3</u>										
Duluth	71	40	52.5	-2.6	1.46	.69	1.79	.87	124	-49
Grand Marais	64	36	47.0	-2.3	.61	-.06	2.46	1.53	51	-49
Hibbing	71	35	51.6	-4.6	1.07	.35	.03	-1.03	159	-34
<u>WC DIST 4</u>										
Alexandria	73	42	55.3	-4.6	1.00	.18	-.14	.40	197	-54
Browns Valley	78	41	57.0	-4.8	.88	.28	.65	-.23	252	-33
Canby	81	44	61.2	-1.6	.61	-.15	.83	1.33	296	-1
Fergus Falls	76	43	56.5	-3.9	1.50	.79	2.09	2.20	221	-36
Montevideo	77	44	57.4	-4.6	.81	-.01	1.64	3.15	232	-50
Morris	76	45	57.9	-3.7	.54	-.20	-.45	.28	219	-62
<u>CENT DIST 5</u>										
Becker	74	46	58.4	-1.6	1.22	.34	.26	-.18	218	-36
Hutchinson	75	42	59.2	-3.3	.75	-.07	.73	1.54	234	-60
Olivia	76	45	59.4	-2.8	.65	-.17	1.24	2.33	233	-55
St. Cloud	74	45	57.6	-2.4	1.25	.44	.68	.54	222	-32
Staples	74	44	55.1	-3.3	2.34	1.54	.89	1.78	177	-55
Willmar	76	48	59.1	-2.8	1.03	.13	.27	.95	222	-61
<u>EC DIST 6</u>										
Aitkin	72	49	59.0	1.8	1.44	.64	.25	-.03	156	-54
Forest Lake	78	46	59.7	-1.6	.81	-.08	.08	-1.21	237	-40
MSP Airport	75	48	59.5	-3.3	.31	-.53	-.12	-.21	247	-55
St. Paul - UofM	75	47	59.8	-3.8	.69	-.28	.09	.33	255	-63
<u>SW DIST 7</u>										
Lamberton	80	46	60.5	-2.4	.27	-.52	3.05	4.00	260	-40
Pipestone	79	40	58.2	-3.2	.94	.11	.74	.49	262	-14
Redwood Falls	77	47	59.0	-5.1	.18	-.60	1.40	1.33	252	-71
Worthington	75	41	59.4	-1.7	.54	-.33	2.06	3.03	253	-15
<u>SC DIST 8</u>										
Faribault	76	46	59.5	-1.8	.52	-.38	1.02	.55	227	-43
Mankato	78	45	59.4	-2.9	.59	-.37	1.91	3.29	234	-58
Waseca	78	44	59.8	-2.4	.74	-.19	2.42	2.44	239	-51
Winnebago	78	40	60.2	-2.3	.78	-.19	3.88	4.58	250	-45
<u>SE DIST 9</u>										
Preston	75	40	56.9	-3.4	.45	-.49	.27	-.52	215	-38
Red Wing	77	48	59.6	-2.5	.53	-.31	.67	-.70	238	-48
Rochester	73	44	57.5	-3.0	.32	-.51	.36	-1.00	229	-29
Rosemount	75	47	59.5	-2.8	.62	-.36	.02	-.62	244	-47
Winona	76	46	61.8	-2.3	.37	-.49	-.46	-.62	267	-57

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the Minnesota Agricultural Statistics Service, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

Address Service Requested

WEEKLY NEWS REPORT
Minnesota Crop-Weather Report
Publication No. 387190

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